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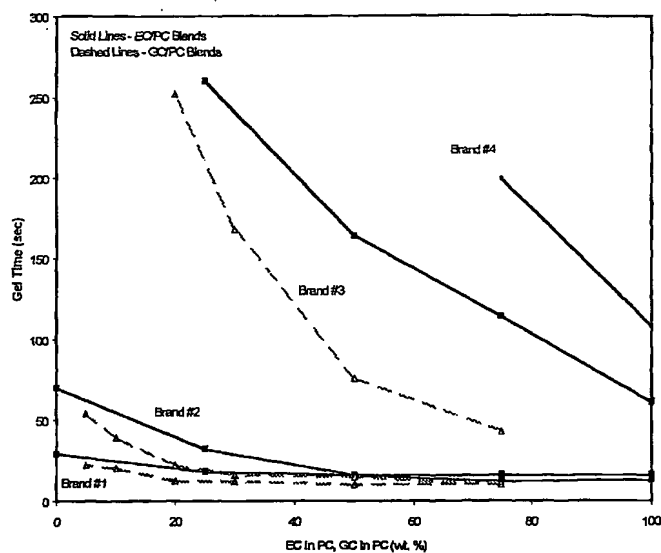
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[Continued on next page]

(54) Title: **ALKYLENE CARBONATES AS WATER GLASS CURE ACCELERANTS**



(57) Abstract: Provided herein are catalysts useful in the curing of cementitious mixtures, which catalysts comprise one or more alkylene carbonates in combination with glycerin carbonate. Through use of a catalyst according to the present invention, cementitious mixtures containing sodium silicate may be cured at low temperatures because the catalysts of the invention function well at low temperatures, even though they contain ethylene carbonate, a material whose melting point of 36°C otherwise precludes its use as a cure accelerant for silicates. Figure 1 is a graphical representation of the results shown in Table II.



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